ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 326083

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4628 -- 81 -- 5529

APPLICANT/OWNER: LKN Properties LLC | APPLICANT ADDRESS: 5158 Mt Clare Ln, Charlotte

SITE ADDRESS: 218 Waddell Rd, Mooresville 28115 | PHONE: 661-313-6024 | ALT. PHONE –

SITE DIRECTIONS: 150 West - Waddell Rd | SAP CONTROLLED: ☐ YES ☐ NO

SUBDIVISION: CL & T | SECTION: 11 | LOT # 294 | LOT AREA: 1.02 acres | DESIGN FLOW: 360 gpd | L.T.A.R.: –

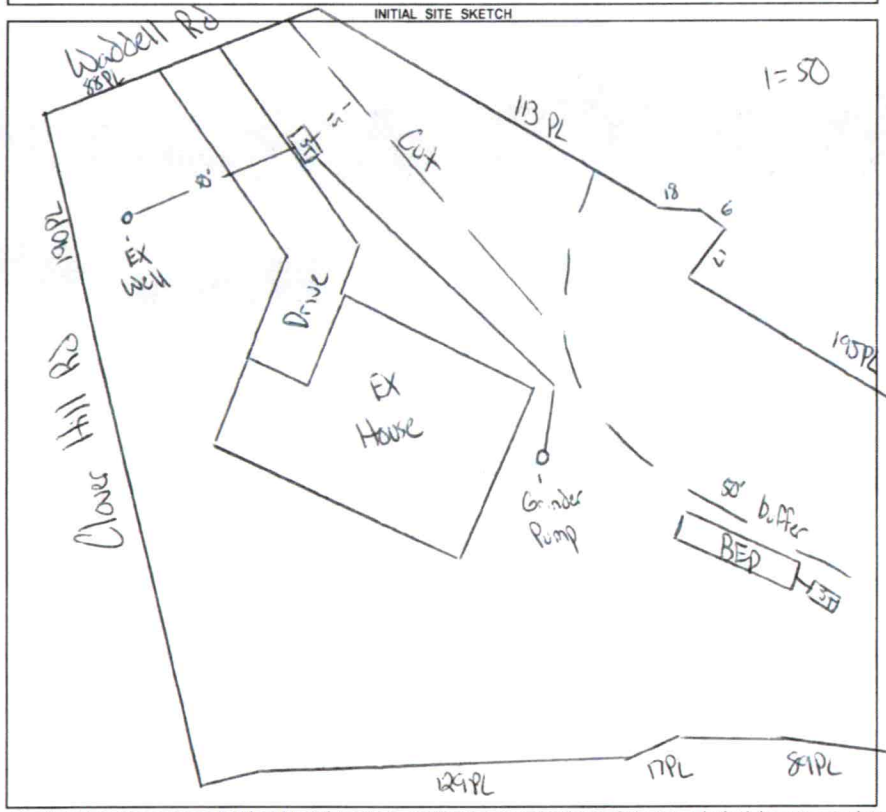
Septic Tank	~~3000~~ 4000 (gal)	STB 2106	Date 2/13/22	☐ New System ☒ Repair ☐ Expansion	System Type: I II III IV (V) VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT	Date	System Description: –		☐ Business	No. Persons 6
Pump Make		Model	Serial #	Repair System Description: Pump & Haul		☐ Other	No. Employees
# Nitrification Fields –		# Lines –	Linear Ft –	Maintenance Agreement Required:	☒ YES ☐ NO	☒ Slab	☐ Crawl Space
Trench Width –		Trench Bottom Depth(Low side) –		Gravel Depth –	☒ GRAVITY ☐ PRESSURE	☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Keep 15' from cut. Pump, crush, & fill old septic tank. Grinder pump must be installed.

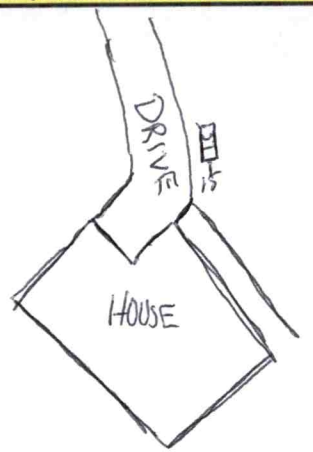
Control panel shall be NEMA 4X box. Telemetry shall be provided to contact a minimum of two people. Control panel shall include battery back-up. Control panel must have one float.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.



Checked call box, alarm, floats, battery back up 7/13/22 DW

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat* valid without expiration. ☒ **IMPROVEMENT PERMIT** *with site plan* valid for 60 mos. ☒ **AUTHORIZATION TO CONSTRUCT** valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: [signature] Date: 4/22/22 | Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: [signature] Date: 4/20/22 | OPERATION PERMIT by: [signature] D. Mieberg Date: 3/16/23

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 4/20/22 | Existing System Inspected by: Date:

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Septic Tank	3000 (gal)	STB	Date	☐ New System	☒ Repair	☐ Expansion	System Type: I II III IV (V) VI
Pump Tank	(gal)	PT	Date	System Description: –			
Pump Make		Model	Serial #	Repair System Description:	Pump & Haul		
# Nitrification Fields	–	# Lines	–	Linear Ft	–	Maintenance Agreement Required:	☒ YES ☐ NO
Trench Width	–	Trench Bottom Depth(Low side)	–	Gravel Depth	–		☒ GRAVITY ☐ PRESSURE

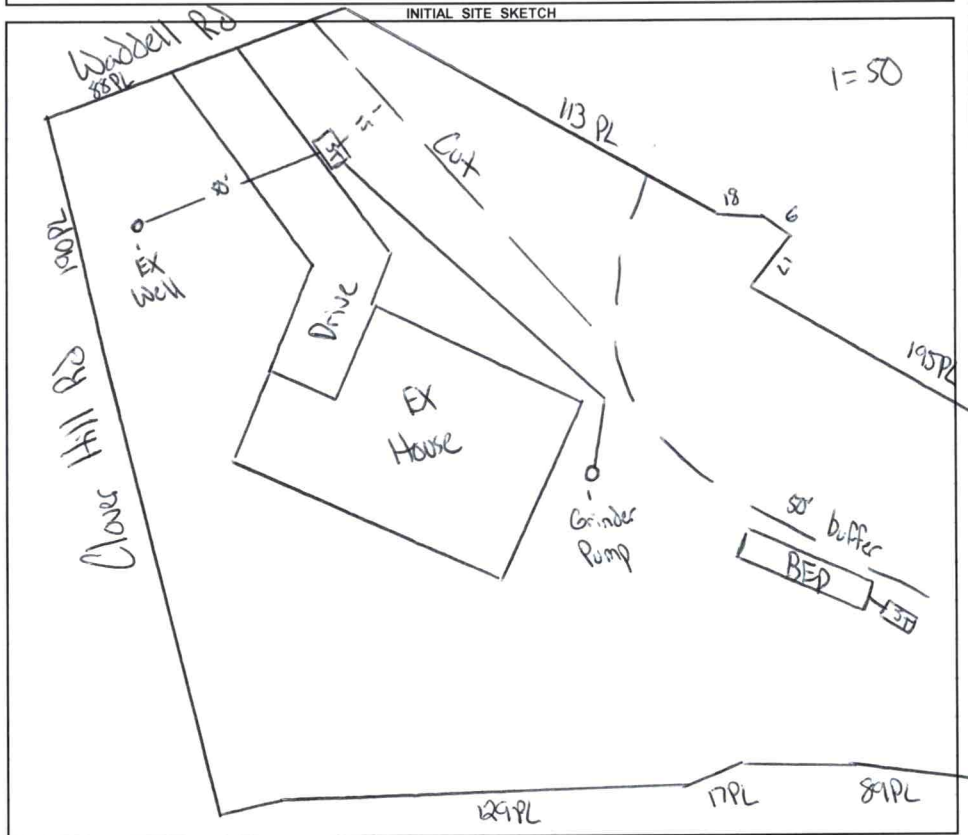
☒ Residence | No. Bedrooms 3 | ☐ Business | No. Persons 6 | ☐ Other | No. Employees | ☒ Slab | ☐ Crawl Space | ☐ Basement w/plumbing | ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Keep 15' from cut. Pump, crush, & fill old septic tank. Grinder pump must be installed.

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AS BUILT SKETCH

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the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

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Owner / Applicant Signature: [signature] Date: 4/22/22 | Installed by:

IMPROVEMENT PERMIT by: Cory Wilt Date: 4/20/22 | OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Cory Wilt Date: 4/20/22 | Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4628815529
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: LKN Properties LLC
APPLICATION DATE 2/25/22
ADDRESS: 5158 Mt Clare Ln, Charlotte
DATE EVALUATED: 3/8/22
PROPOSED FACILITY: 3 bdlr Home
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 1.02
LOCATION OF SITE: 218 Waddell
PROPERTY RECORDED: yes
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear	0-12	SCL	S P FR SE					Need Pit
		12-24	SC	S P FR SE					
		24-29	ROCK						
2	Linear	0-24	SCL SBK	S P FR SE	Chroma 1 at 24 10 yr 6/1				Need Pit
		24-36	SC SBK	S P FR E					
3	Linear	0-18	SCL						Need Pit
		18-22	ROCK						
4	Shoulder	0-37	FILL						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Heath Snow, Matthew Wilkerson

COMMENTS:

Updated February 2014